CLAIMS

Claims 1-26 were previously cancelled.

27.   (Previously Amended) A method for communication between a mobile computer terminal and a host computer in a system in which it is necessary in order to avoid being disconnected for the mobile computer terminal to send a message to the host computer, including the steps of:

determining a particular time at which the mobile computer terminal is to send the message to the host computer;

programming a timer or clock to wake up the mobile computer terminal so that the mobile computer terminal can send the message at said particular time;

entering the mobile computer into a sleep mode;

waking up the mobile computer terminal due to the programming of the timer or clock; and

sending the message at said particular time.

28.   (Original) The method of claim 27, wherein said system is a system utilizing the limited leasing of IP addresses and said message is a message begging for more time.

29.   (Original) The method of claim 28, further including the steps of:

determining if the mobile computer is out of range of communications with the host computer; and

displaying a message on the mobile computer indicating to the user that the mobile computer must be brought back into range of communications with the host computer or else said leased IP address may be forfeited.

Claims 30-34 were previously canceled.

35.   (Previously Added) The method of claim 27, wherein said message is a lease renewal message.

36.   (Previously Added) The method of claim 29, further including the step of:

resetting said timer or clock for a next scheduled beg time if the mobile computer is out of range of communications with the host computer.

37.   (Previously Amended) A mobile computer terminal in a system in which it is necessary in order to avoid being disconnected for the mobile computer terminal to send a message to a host computer, including:

a communications module for communication with the host computer in a system;

means for determining a particular time at which the mobile computer terminal is to send the message to the host computer;

means for programming a timer or clock to wake up the mobile computer terminal so that the mobile computer terminal can send the message at said particular time;

means for entering a sleep mode; and

means for waking up due to the programming of the timer or clock to send the message at the particular time.

38.   (Previously Added) The mobile computer terminal of claim 37, wherein said system is a system utilizing the limited leasing of IP addresses and said message is a message begging for more time.

39.   (Previously Added) The mobile computer terminal of claim 38, further including:

means for determining if the mobile computer is out of range of communications with the host computer; and

means for displaying a message on the mobile computer indicating to the user that the mobile computer must be brought back into range of communications with the host computer or else said leased IP address may be forfeited.

40.   (Previously Added) The mobile computer terminal of claim 37, wherein said message is a lease renewal message.

41.   (Previously Added) The mobile computer terminal of claim 39, further including:

means for resetting said timer or clock for a next scheduled beg time if the mobile computer is out of range of communications with the host computer.

42.   (Previously Added) A mobile computer terminal including:

a communications module for communication with a base unit or host computer in a system;

a hand-held image scanner;

a processor; and

a memory having stored therein program instructions for reading by the processor such that the mobile computer terminal performs the steps of:

reading an image by said hand-held scanner;

transforming data corresponding to the image read, the transformed data to be transferred from the mobile computer terminal for eventual entry into a database;

sending the transformed data to a base unit or host computer according to coordinated data formatting and ordering between the mobile terminal and the base unit or host computer;

determining a particular time at which the mobile computer terminal is to send a message to the base unit or host computer to avoid being disconnected;

programming a timer or clock to wake up the mobile computer terminal so that the mobile computer terminal can send the message at said particular time;

entering the mobile computer terminal into a sleep mode; and

waking up the mobile computer terminal from the sleep mode due to the programming of the timer or clock to send the message at the particular time.

43.   (Previously Added) The mobile computer terminal of claim 42, wherein said system is a system utilizing the limited leasing of IP addresses and said message is a message begging for more time.

44.   (Previously Added) The mobile computer terminal of claim 43, the memory having stored therein further program instructions for reading by the processor such that the mobile computer terminal performs the further steps of:

determining if the mobile computer is out of range of communications with the base unit or host computer; and

displaying a message on the mobile computer indicating to the user that the mobile computer must be brought back into range of communications with the base unit or host computer or else said leased IP address may be forfeited.

45.   (Previously Added) The mobile computer terminal of claim 42, wherein said message is a lease renewal message.

46.   (Previously Added) The mobile computer terminal of claim 44, the memory having stored therein further program instructions for reading by the processor such that the mobile computer terminal performs the further step of:

resetting said timer or clock for a next scheduled beg time if the mobile computer is out of range of communications with the base unit or host computer.

47.   (Previously Added) A method for communication between a mobile computer terminal and a base unit or host computer in a system in which it is necessary for the mobile computer terminal to send a message to the base unit or host computer to avoid being disconnected, the mobile computer terminal at least including a hand-held image scanner, a processor, and a memory, the method comprising the steps of:

reading an image by said hand-held image scanner;

transforming data corresponding to the image read, the transformed data to be transferred from the mobile computer terminal for eventual entry into a database;

sending the transformed data to a base unit or host computer according to coordinated data formatting and ordering between the mobile terminal and the base unit or host computer;

determining a particular time at which the mobile computer terminal is to send a message to the base unit or host computer to avoid being disconnected;

programming a timer or clock to wake up the mobile computer terminal so that the mobile computer terminal can send the message at said particular time;

entering the mobile computer terminal into a sleep mode; and

waking up the mobile computer terminal from the sleep mode due to the programming of the timer or clock to send the message at the particular time.

48.   (Previously Added) The method of claim 47, wherein said system is a system utilizing the limited leasing of IP addresses and said message is a message begging for more time.

49.   (Previously Added) The mobile computer terminal of claim 48, the method further comprising the steps of:

determining if the mobile computer is out of range of communications with the base unit or host computer; and

displaying a message on the mobile computer indicating to the user that the mobile computer must be brought back into range of communications with the base unit or host computer or else said leased IP address may be forfeited.

50.   (Previously Added) The mobile computer terminal of claim 47, wherein said message is a lease renewal message.

51.   (Previously Added) The mobile computer terminal of claim 49, the method further comprising the step of:

resetting said timer or clock for a next scheduled beg time if the mobile computer is out of range of communications with the base unit or host computer.